

DERWENT-ACC-NO: 1993-164370

DERWENT-WEEK: 199320

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TITLE: Low toxicity metastasis inhibitor composed of  
propene-amide deriv. polymer or its  
pharmacologically acceptable salts

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PRIORITY-DATA: 1991JP-258095 (October 4, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
JP 05097699 A	April 20, 1993	JA

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
JP 05097699A	N/A	1991JP-258095
October 4, 1991		

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	A61K38/00	20060101
CIPS	A61P35/00	20060101
CIPS	C07K5/08	20060101
CIPS	C07K5/10	20060101
CIPS	C07K7/06	20060101

ABSTRACTED-PUB-NO: JP 05097699 A

BASIC-ABSTRACT:

A new metastasis inhibitor contains polymer of ((m)eth)acrylamide deriv. of formula  $H_2C=CR_1-CO(NH-R_2-CO) - ((X)-Arg-Gly-ASp-(Y)_n-Z$  (I) or its pharmacologically permitted salts as active components. In (I), R1 is H, methyl or ethyl; R2 is 1-11C opt. branched alkylene, and C atom in the alkylene group may be conjugated via -O-; X, Y are aminoacid residues selected

from Ser,  
Gly, Val, Thr, Pro and Gln, or peptide residue composed of these  
aminoacid  
residues; Z is -OH, -OR3 or -NR4R5; R3, R4, R5 are H, methyl or  
ethyl; n is 1,  
2 or 3; () indicates residue in () may not be present.

USE/ADVANTAGE - The polymer has larger cell adhesion, compared with  
that of  
core sequence of cell adhesive protein. It has various kinds of  
biological  
activities e.g. metastasis, etc. The toxicity is low. The structures  
are  
simple and synthesis is easy.

TITLE-TERMS: LOW TOXIC METASTASIS INHIBIT COMPOSE PROPYLENE AMIDE  
DERIVATIVE

POLYMER PHARMACOLOGICAL ACCEPT SALT

ADDL-INDEXING-TERMS:  
AMIDE!

DERWENT-CLASS: B04

CPI-CODES: B04-C03D; B12-G07;

CHEMICAL-CODES:

Chemical Indexing M1 \*02\*

Fragmentation Code

F012 F423 H1 H100 H181 H401 H481 H581 H7 H714  
H721 J0 J011 J1 J111 J171 J172 J211 J271 J311  
J371 J372 J373 M210 M211 M212 M213 M214 M231 M262  
M272 M273 M280 M281 M282 M311 M312 M313 M314 M315  
M316 M320 M321 M322 M331 M332 M333 M340 M342 M343  
M349 M381 M391 M423 M510 M520 M521 M530 M540 M620  
M630 M640 M650 M710 P617 P631 V902 V911 V912 V913  
V914 V915 V916 V921 V924

Markush Compounds

932024602

Chemical Indexing M2 \*01\*

Fragmentation Code

H581 H7 H714 H721 J0 J014 J1 J171 J172 J271  
J3 J373 K0 L2 L250 L640 M210 M211 M212 M213  
M214 M232 M262 M272 M273 M281 M282 M311 M312 M313  
M314 M315 M316 M321 M322 M323 M331 M332 M333 M340  
M342 M343 M349 M381 M383 M391 M393 M416 M630 M640  
M650 M710 P617 P631

Markush Compounds

932024601

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: 1993-073033